

Grantee: Connecticut - DOH

Grant: B-13-DS-09-0002

April 1, 2020 thru June 30, 2020 Performance Report

Grant Number: B-13-DS-09-0002	Obligation Date:	Award Date:
Grantee Name: Connecticut - DOH	Contract End Date:	Review by HUD: Submitted - Await for Review
Grant Award Amount: \$54,277,359.00	Grant Status: Active	QPR Contact: Hermia Delaire
LOCCS Authorized Amount: \$54,277,359.00	Estimated PI/RL Funds:	
Total Budget: \$54,277,359.00		

Disasters:

Declaration Number

No Disasters Found

Narratives

Executive Summary:

Connecticut's resilience activities exist at three scales: local demonstration infrastructure projects that will enhance resilience in the low-moderate income City of Bridgeport as a model for the rest of the state, a regional planning process to create a blueprint for resilience across the MID-URN areas of Fairfield and New Haven Counties, and state policy to institutionalize resilience through the SAFR (State Agencies Fostering Resilience) Council.

In Bridgeport, NDR funds will be used to construct three projects and complete two studies. The state will construct a raised University Avenue to provide dry egress for multiple properties that are receiving state support to remediate brownfields and redevelop as mixed-use, a berm that will encircle the eastern area of the South End and significantly reduce flood risk to a large area that includes power generation and substations as well as affordable and historic housing and future transit-oriented development opportunities, and a resilience design center to act as a community hub for resilience activities. The state will study the potential to leverage the regional energy generation and distribution infrastructure located in the South End of Bridgeport for neighborhood benefit and the opportunities for redevelopment in the flood plain in a responsible and resilient manner.

Across Fairfield and New Haven Counties, NDR funds will be used to develop the regional coastal resilience plan, Connecticut Connections. This plan will be based on modeling to be conducted to better understand flood risk and the combination of coastal surge and riverine flooding and provide a blueprint towards resilience for the communities from Greenwich to Madison.

Statewide, NDR funds will support the SAFR Council in their effort to create a resilience roadmap for the state and to institutionalize resilience into state policies.

The activities being carried out under NDR contribute to the State's efforts to affirmatively further fair housing by: 1) enabling the continued safe habitation of existing affordable housing opportunities within walking distance of jobs, public transportation and amenities; 2) mitigating both present and future flood related issues of both publicly and privately owned properties targeted for future multifamily and economic development; and 3) preserving and increasing the potential for affordable homeownership opportunities in this target neighborhood. In addition, the NDR activities will contribute to addressing the regional need to affirmatively further fair housing by encouraging both housing and economic development in low flood risk and transit-oriented neighborhoods across Fairfield and New Haven counties. Many of these NDR activities address specific action steps found in the State of Connecticut Analysis of Impediments to Fair Housing Choice, which is compliant with and supports the federal obligation to affirmatively further fair housing. These action steps include: 1) encourage the creation and rehabilitation of affordable housing in a variety of locations; 2) collaborate with other state agencies to affirmative further fair housing; and 3) ensure state and local planning documents affirmatively further fair housing.

MID-URN Areas:

The State of Connecticut activities focus on the MID-URN geographies of Fairfield and New Haven Counties with the NDR-funded infrastructure activities limited to the Low-Mod income city of Bridgeport.

Key Agencies, Partners, Positions, Personnel:

Staff at the Department of Housing will oversee all activities funded through the NDR grant. In addition to a Director of the program, the state will be competitively procuring program management support for grant management, compliance, finance, and other functions.

The bulk of the work will be conducted by consultants and the state is just completing its first public procurement for alternatives assessment, environmental review, and preliminary engineering. Additional consultants will be procured as needed as the projects progress.

The CT Institute for Resilience and Climate Adaptation (CIRCA) at the University of Connecticut will act a sub-recipient, leading the CT Coastal Connections Regional Plan process.



Other state agencies through the SAFR Council including the Office of Policy and Management, Department of Transportation, Department of Energy and Environmental Protection and others will support the Department of Housing on timely permitting, review, and other support measures to ensure that the outcomes and timelines of the projects are met.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	N/A	\$1,126,944,258.00
Total Budget	\$0.00	\$54,277,359.00
Total Obligated	\$783,741.31	\$8,995,788.34
Total Funds Drawdown	\$757,178.11	\$8,969,225.14
Program Funds Drawdown	\$757,178.11	\$8,969,225.14
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$757,178.11	\$8,969,225.14
Most Impacted and Distressed Expended	\$283,901.15	\$4,752,841.31
Match Contributed	\$0.00	\$11,415,723.00

Progress Toward Required Numeric Targets

Requirement	Target	Actual
Overall Benefit Percentage (Projected)		98.40%
Overall Benefit Percentage (Actual)		100.00%
Minimum Non-Federal Match	\$0.00	\$11,415,723.00
Limit on Public Services	\$8,141,603.85	\$0.00
Limit on Admin/Planning	\$12,380,665.59	\$3,302,904.49
Limit on Admin	\$0.00	\$1,044,272.69
Most Impacted and Distressed Threshold (Projected)	\$54,277,359.00	\$0.00



Overall Progress Narrative:

In the second quarter of 2020 the Value Engineering of the 30% design of the Resilient Bridgeport National Disaster Resilience projects were drafted and submitted to DOH for review and approval. A scope of services for final design of the National Disaster Resilience selected alternatives as described in the Record of Decision was developed by the design consultant and submitted to DOH for review. The benefit cost analysis for the Flood Risk Reduction Project (University Avenue and Earthen Berm Activities) was updated using the FEMA BCA toolkit. DOH prepared and submitted an application to the State of Connecticut Department of Emergency Services and Public Protection, which administers the FEMA PreDisaster Mitigation Grant program. The Flood Risk Reduction Project was submitted under the Resilient Infrastructure category for funding to further support the implementation of the project by the deadline of January 31, 2020. For Administration, the project management consultant team continues to support all aspects of administration including procurement, finance, audit, monitoring, document storage, environmental review, and construction under the Direction and review and approval of the CT DOH Program Manager. CT DOH CDBG-NDR financial staff processed payments and grant drawdowns. The Connecticut Connections Resilient Connecticut planning project continued with the release of an RFQ for teams to assist with the regional planning process. Engagement continued with the State Agencies Fostering Resilience Council, the Governor's Council on Climate Change, the Councils of Government and municipalities in the project area. Wave and water level data was collected from 32 stations in Long Island Sound for coastal modeling. A Flood Return Interval viewer was developed for the project area and work continued on the vulnerability assessment. A YouTube page was launched to include recordings of two webinars aired during the quarter. COVID-19 Pandemic Impacts: On March 10, 2020, the Governor of the State of Connecticut declared a Public Health Emergency in Connecticut in response to the pandemic. Effective 8pm on March 23, 2020, the Governor's Stay Home, Stay Safe. Executive Order went into effect ordering all non-essential businesses and operations to cease in-person operations. The DOH was able to move to 100% telework by Thursday March 19. All DOH staff, Uconn staff and consultants on the CDBG-NDR projects continued work on the project from their homes and ceased all in person meetings associated with the projects

Connecticut Connections Coastal Resilience Plan:

In this quarter, following the release of the Resilient Connecticut Request for Qualifications (RFQ) in February 2020, a selection committee reviewed proposals and selected a team to assist with the Phase II regional planning and vulnerability assessment. Additionally, 6 other teams consisting of planning, engineering, and design firms were qualified for potential additional work in Phase III implementation planning. A contract with a team of Milone & MacBroom/Dewberry has been finalized, reviewed by DOH, and is now moving forward. In addition, 4 sub-award agreements with West, Naugatuck Valley, Metro, and South Central Regional Councils of Governments, were finalized and are now moving forward to assist with mapping data and stakeholder engagement.

Monthly advisory meetings with the SAFR State Agency Workgroup were held on 4/24 5/29, and 6/26. Following discussions with DEEP and DOH staff it was decided that the SAFR meetings will move to a quarterly schedule to allow time for state agency leads to focus on the Governor's Council on Climate Change (GC3) draft report which is due in Fall 2020. CIRCA staff have continued to engage across multiple working groups of the Adaptation and Resilience Subcommittee of the GC3, looking for synergies and opportunities to align planning efforts.

Technical Support and Capacity Building Activities

This quarter, the CIRCA research team focused on finalizing the Long Island Sound Ocean model, initializing and validating the nearshore model, finalizing the first stage of vulnerability mapping, and capacity building activities. The research team numerically modeled the significant wave height and storm surge water levels for the 24 coastal towns of Connecticut. The article explaining the methodology, and the results has been accepted and published in open-access special issue: "Numerical Models in Coastal Hazards and Coastal Environment" of Journal of Marine Sciences and Engineering [1]. The results present the different annual exceedance probability (or return intervals) of storms in CT. The results for each coastal town and a guide for planners and decision-makers to estimate the flood elevation according to the model results are presented in a viewer and a dataset [2, 3, 4]. The CIRCA sea-level rise viewer is updated to show the new flood extent of storm surges [5]. The research team also generated flood surge maps to show the depth of the water within its boundary. The maps will be updated on the website in the next quarter.

The research team has been working on setting up the nearshore model, where the focus of the modeling is at the conjunction of the ocean and the river mouth. This modeling approach is high resolution and includes the marsh and coastal defense structure effects on the wave and surge modeling. The team set up a new coupled model called ADCIRC-SWAN (The ADvanced CIRCulation model- Simulating WAVes Nearshore) that models the small-scale estuaries using the boundary conditions from the previous Long Island Sound model. The team has been working on setting a higher resolution bathymetry for the model and working on testing in New Haven, Stratford, Branford, and Norwalk. In the next quarter, the team will focus on finishing the validation of the model in the test case areas. The research team has also been working on a coastal vulnerability assessment using the coastal vulnerability index model. The dataset [6] and the viewer [7] are now accessible online. A training webinar on the new tools was done and is now available [8]. In the next quarter, the team will work on preparing vulnerability report cards for each coastal town and develop guidance for the Phase II regional assessment of vulnerability in Fairfield and New Haven Counties.

The capacity building activities continued with the landscape, economic, and hydrology analysis. The

landscape analysis team has been working on refining the zones of shared risk maps for coastal towns. In the next quarter, the team is expected to complete the initial maps, and work in collaboration with the Phase II planning team to define regional zones of shared risk across the two counties. The economic scenarios research has been completed and showcased to CT DEEP for feedback. The work will be used as a rapid cost-benefit analysis tool for adaptation options among different flood scenarios. The hydrology team completed the river volume flux in selected watershed areas where culverts, dams, and bridges exist. A new capacity-building research project was developed to consider the heat vulnerability of the 2 counties, through real-time and satellite measurements. In the next quarter, the team will deploy the temperature measuring devices and work on setting up their modeling system. In the next quarter, the CIRCA research team will validate the nearshore model, publish coastal vulnerability assessment report cards, and continue progressing on capacity building activities.

1. <https://www.mdpi.com/2077-1312/8/7/475>
2. <https://resilientconnecticut.uconn.edu/resources/data-viewers/returnintervalviewer/>
3. <https://vulnerability.circa.uconn.edu/dataset/MunicipalWorksheet-YO.pdf>
4. <https://resilientconnecticut.uconn.edu/resources/datasets/connecticut-flood-maps-for-different-storm-return-intervals/>
5. <https://circa.uconn.edu/sea-level-rise-and-storm-surge-viewer/>
6. <https://resilientconnecticut.uconn.edu/resources/datasets/connecticut-coastal-towns-vulnerability-index-dataset/>
7. <https://vulnerability.circa.uconn.edu/>
8. <https://www.youtube.com/watch?v=RwxPvZYrmHY>

Engagement

This quarter, CIRCA has continued its engagement activities, which included another webinar in our series, changes to our project website, coordination with other state agencies, and planning for the coming quarter.

Our webinar, hosted on May 26, 2020 and added to our YouTube channel, was Resilient Connecticut Tools: Exploring CIRCA's Latest Products. This webinar announced changes to the sea level rise viewer and the release of the Climate Vulnerability Assessment viewer.

Two changes have been made to the engagement activities, the shift of the spring workshop to late summer/early fall webinars and going virtual for the annual summit. The original in-person public health oriented workshop intended for May had to be postponed due to COVID-19 and is being redesigned as a public health webinar mini-series for September, covering a range of topics in shorter formats. The Yale Center on Climate Change & Health and CT Department of Health have been involved in the dates, topics, speakers, and format planning. Afterwards, these mini-webinars can then be incorporated into the eventual municipal toolkit. The annual summit, originally planned to take place at the UConn Law School campus, will now be virtual. The team is reviewing software, formats, and resources needed to maintain the high levels of interaction and engagement with the attendees. To that end, the team has been practicing software such as Miro, IdeaScale, and GroupMap and shared these resources with the DEEP Office of Climate Planning and the Equity & Environmental Justice Public Participation subcommittee. The date for the summit, November 20, 2020, remains the same.

Regarding stakeholder evaluation, the survey and interview instruments have been developed and are currently undergoing review and revisions with the Institutional Review Board (IRB), which reviews research processes to protect participants.

In addition to internal project research, CIRCA has co-developed a survey with the Department of Public Health on emergency sheltering and cooling station practices that will inform both the vulnerability assessment and resilience plans for the project area. The intended respondents will include chief elected officials, health districts/departments, and emergency management directors. The survey will be issued in the beginning of the third quarter.

Other engagement activities included social media, e-newsletter releases, further coordination with the GC3, presentations at municipal boards within the project region, and outreach to various nonprofit organizations.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
LTC, Long Term Commitment	\$0.00	\$0.00	\$0.00
NDR-ADMIN-26336, Administration	\$0.00	\$2,713,868.00	\$1,044,272.69
NDR-BPT-, Bridgeport South End	\$257,337.95	\$42,574,036.00	\$5,863,567.25
NDR-CCRP-, Connecticut Connections Coastal Resilience	\$499,840.16	\$8,989,455.00	\$2,061,385.20
OV, Outcome Values	\$0.00	\$0.00	\$0.00
SL, Supporting Leverage	\$0.00	\$0.00	\$0.00



Activities

Project # / NDR-ADMIN-26336 / Administration

Grantee Activity Number: NDR-ADMIN
Activity Title: Administration

Activity Category:

Administration

Project Number:

NDR-ADMIN-26336

Projected Start Date:

02/08/2017

Benefit Type:

()

National Objective:

NA

Activity Status:

Under Way

Project Title:

Administration

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

STATE OF CONNECTICUT

Overall	Apr 1 thru Jun 30, 2020	To Date
Total Projected Budget from All Sources	N/A	\$2,713,868.00
Total Budget	\$0.00	\$2,713,868.00
Total Obligated	\$0.00	\$1,044,272.69
Total Funds Drawdown	\$0.00	\$1,044,272.69
Program Funds Drawdown	\$0.00	\$1,044,272.69
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$1,044,272.69
STATE OF CONNECTICUT	\$0.00	\$1,044,272.69
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Grant Administration activities to ensure that the program deadlines are met and all HUD regulations are followed in achieving the desired outcomes of the other projects.

Location Description:

Statewide

Activity Progress Narrative:

The program management consultant provided an updated risk register for the project. The CT DOH financial staff, with the review and approval of the CT DOH Program Manager, continue to oversee all payments, DRGR drawdowns, and payroll. The program management (PM) consultant continues to provide support for all aspects of the program grant. As the liaison between the project consultants and CTDOH they manage documents including contracts, submittals, reports and registers and copies of financial documents. The PM follows



efficient workflows that will allow for full tracking of all program components. As the grantee, CTDOH has full and final oversight of all aspects of the program and the PM team reports directly to CTDOH. DOH prepared and submitted an application to the State of Connecticut Department of Emergency Services and Public Protection, which administers the FEMA PreDisaster Mitigation Grant program. The Flood Risk Reduction Project was submitted under the Resilient Infrastructure category for funding to further support the implementation of the project by the application deadline of January 31, 2020. COVID-19 Pandemic Impacts: On March 10, 2020, the Governor of the State of Connecticut declared a Public Health Emergency in Connecticut in response to the pandemic. Effective 8pm on March 23, 2020, the Governor's Stay Home, Stay Safe. Executive Order went into effect ordering all non-essential businesses and operations to cease in-person operations. The DOH was able to move to 100% telework by Thursday March 19. All DOH staff and consultants on the CDBG-NDR projects continued work on the project from their homes and ceased all in person meetings associated with the projects.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

Match Sources	Amount
Department of Energy and Environmental Protection	\$25,000,000.00
Department of Transportation	\$1,000,000.00
Office of Policy and Management	\$350,000.00
University of Connecticut, CT Institute for Resilience and Climate Adaptation	\$1,200,000.00
Subtotal Match Sources	

Other Funding Sources	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Project # / NDR-BPT- / Bridgeport South End

Grantee Activity Number:	NDR-BPT-Berm - 2066128
Activity Title:	Earthen Berm

<p>Activity Category: Dike/dam/stream-river bank repairs</p> <p>Project Number: NDR-BPT-</p> <p>Projected Start Date: 02/08/2017</p> <p>Benefit Type: Area ()</p> <p>National Objective: Low/Mod</p>	<p>Activity Status: Under Way</p> <p>Project Title: Bridgeport South End</p> <p>Projected End Date: 09/30/2022</p> <p>Completed Activity Actual End Date:</p> <p>Responsible Organization: STATE OF CONNECTICUT</p>
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Overall **Apr 1 thru Jun 30, 2020** **To Date**

Total Projected Budget from All Sources	N/A	\$35,630,036.00
Total Budget	\$0.00	\$35,630,036.00
Total Obligated	\$242,821.34	\$4,817,857.56
Total Funds Drawdown	\$242,821.34	\$4,817,857.56
Program Funds Drawdown	\$242,821.34	\$4,817,857.56
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$242,821.34	\$4,817,857.56
STATE OF CONNECTICUT	\$242,821.34	\$4,817,857.56
Most Impacted and Distressed Expended	\$242,821.34	\$3,938,654.34
Match Contributed	\$0.00	\$0.00

Activity Description:

Construct an accredited flood protection line linking the redevelopment of 60 Main Street, the new elevated natural gas-fired power plant, and downtown, removing the eastern South End's critical infrastructure and low-moderate income housing and historic districts from the 100-year flood plain and reinforcing the connection between the Downtown and South End neighborhoods.

Location Description:

City of Bridgeport's South End

Activity Progress Narrative:

In the second quarter of 2020, a contract amendment for final design services was executed and the Design Team was provided Notice to Proceed. The Design Team provided CTDOH and CTDOT with maps and a schedule of affected property owners so that the Right-of-Way process could be initiated. Bi-weekly coordination meetings and development of the Final Design schedule were initiated.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of public facilities	0	0/1
# of Linear feet of Public	0	0/3500
# of Linear miles of Public	0	0/1

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found



Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources



Grantee Activity Number: NDR-BPT-Energy - 2066130

Activity Title: District Energy Feasibility

Activity Category:

Planning

Activity Status:

Under Way

Project Number:

NDR-BPT-

Project Title:

Bridgeport South End

Projected Start Date:

02/08/2017

Projected End Date:

09/30/2022

Benefit Type:

Area ()

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

STATE OF CONNECTICUT

Overall	Apr 1 thru Jun 30, 2020	To Date
Total Projected Budget from All Sources	N/A	\$350,000.00
Total Budget	\$0.00	\$350,000.00
Total Obligated	\$0.00	\$223,809.80
Total Funds Drawdown	(\$26,563.20)	\$197,246.60
Program Funds Drawdown	(\$26,563.20)	\$197,246.60
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	(\$26,563.20)	\$197,246.60
STATE OF CONNECTICUT	(\$26,563.20)	\$197,246.60
Most Impacted and Distressed Expended	\$0.00	\$120,877.40
Match Contributed	\$0.00	\$0.00

Activity Description:

Develop a plan to leverage the existing regional electricity transmission, distribution, and generation located within the Project area coupled with the two local micro-grids for local benefit. The result will be a strategy for the district-wide energy opportunity that can be replicated throughout the region.

Location Description:

City of Bridgeport's South End, West End, and Black Rock Harbor

Activity Progress Narrative:

The energy study, with a revised scope established in the fourth quarter of 2018. It was delivered to DOH at the end of the second quarter, per the project schedule. Design Team services for this activity have been completed.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/1
# of community engagement	0	0/2



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

Match Sources

	Amount
Department of Energy and Environmental Protection	\$5,155,899.00
Subtotal Match Sources	

Other Funding Sources

	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

Grantee Activity Number:	NDR-BPT-Guide - 2066129
Activity Title:	Floodplain Design Guidelines

Activity Category:

Planning

Activity Status:

Planned

Project Number:

NDR-BPT-

Project Title:

Bridgeport South End

Projected Start Date:

02/08/2017

Projected End Date:

09/30/2022

Benefit Type:

Area ()

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

STATE OF CONNECTICUT

Overall	Apr 1 thru Jun 30, 2020	To Date
Total Projected Budget from All Sources	N/A	\$330,000.00
Total Budget	\$0.00	\$330,000.00
Total Obligated	\$0.00	\$0.00
Total Funds Drawdown	\$0.00	\$0.00
Program Funds Drawdown	\$0.00	\$0.00
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$0.00
STATE OF CONNECTICUT	\$0.00	\$0.00
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$0.00

Activity Description:

Develop policies for new development in the City's neighborhoods prone to flooding that balances ecological protection and retreat with reinvestment in transit-oriented development that can serve as a model for the rest of Connecticut's coast.

Location Description:

City of Bridgeport's South End and Black Rock Harbor

Activity Progress Narrative:

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/1
# of community engagement	0	0/2



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources



Grantee Activity Number: NDR-BPT-ResCtr - 2066127

Activity Title: Resilience Center

Activity Category:

Rehabilitation/reconstruction of public facilities

Project Number:

NDR-BPT-

Projected Start Date:

02/02/2017

Benefit Type:

Area ()

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Bridgeport South End

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

STATE OF CONNECTICUT

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2020

N/A

To Date

\$1,000,000.00

Total Budget

\$0.00

\$1,000,000.00

Total Obligated

\$5,308.52

\$134,494.63

Total Funds Drawdown

\$5,308.52

\$134,494.63

Program Funds Drawdown

\$5,308.52

\$134,494.63

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$5,308.52

\$134,494.63

STATE OF CONNECTICUT

\$5,308.52

\$134,494.63

Most Impacted and Distressed Expended

\$5,308.52

\$109,670.06

Match Contributed

\$0.00

\$0.00

Activity Description:

Construct a design center in the South End to operate as a community center and provide a central location for providing information to the community and assist the community in future recovery efforts.

Location Description:

City of Bridgeport's South End

Activity Progress Narrative:

During Final Design, the team will contribute to the collaborative understanding of how MDR funding to the Freeman Houses will be used to create space and programming reflective of the proposed resilience center status of Freeman Houses.

Accomplishments Performance Measures

No Accomplishments Performance Measures



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Grantee Activity Number: NDR-BPT-Univ-2066126

Activity Title: University Ave

Activity Category:

Construction/reconstruction of streets

Activity Status:

Under Way

Project Number:

NDR-BPT-

Project Title:

Bridgeport South End

Projected Start Date:

02/08/2017

Projected End Date:

09/30/2022

Benefit Type:

Area ()

Completed Activity Actual End Date:

National Objective:

Low/Mod

Responsible Organization:

STATE OF CONNECTICUT

Overall

Total Projected Budget from All Sources

Apr 1 thru Jun 30, 2020

N/A

To Date

\$5,264,000.00

Total Budget

\$0.00

\$5,264,000.00

Total Obligated

\$35,771.29

\$713,968.46

Total Funds Drawdown

\$35,771.29

\$713,968.46

Program Funds Drawdown

\$35,771.29

\$713,968.46

Program Income Drawdown

\$0.00

\$0.00

Program Income Received

\$0.00

\$0.00

Total Funds Expended

\$35,771.29

\$713,968.46

STATE OF CONNECTICUT

\$35,771.29

\$713,968.46

Most Impacted and Distressed Expended

\$35,771.29

\$583,639.51

Match Contributed

\$0.00

\$2,140,000.00

Activity Description:

Raise University Avenue from Myrtle Avenue to 60 Main Street to serve as a dry egress corridor for the redevelopment of 60 Main Street and other properties.

Location Description:

City of Bridgeport's South End

Activity Progress Narrative:

In the second quarter of 2020, a contract amendment for final design services was executed and the Design Team was provided Notice to Proceed. The Design Team provided CTDOH and CTDOT with maps and a schedule of affected property owners so that the Right-of-Way process could be initiated. Bi-weekly coordination meetings and development of the Final Design schedule were initiated.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/1310
# of Linear miles of Public	0	0/1



Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources Budgeted - Detail

Match Sources

Department of Economic and Community Development	Amount
	\$2,365,000.00
Subtotal Match Sources	

Other Funding Sources

No Other Funding Sources Found	Amount
Total Other Funding Sources	

Project # / NDR-CCRP- / Connecticut Connections Coastal Resilience

Grantee Activity Number:	NDR-CCCRP-Coastal - 2066131
Activity Title:	Connecticut Connections Coastal Resilience Plan

Activity Category:

Planning

Project Number:

NDR-CCRP-

Projected Start Date:

02/08/2017

Benefit Type:

Area ()

National Objective:

NA

Activity Status:

Under Way

Project Title:

Connecticut Connections Coastal Resilience Plan

Projected End Date:

09/30/2022

Completed Activity Actual End Date:

Responsible Organization:

STATE OF CONNECTICUT

Overall

	Apr 1 thru Jun 30, 2020	To Date
Total Projected Budget from All Sources	N/A	\$8,989,455.00
Total Budget	\$0.00	\$8,989,455.00
Total Obligated	\$499,840.16	\$2,061,385.20
Total Funds Drawdown	\$499,840.16	\$2,061,385.20
Program Funds Drawdown	\$499,840.16	\$2,061,385.20
Program Income Drawdown	\$0.00	\$0.00



Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$499,840.16	\$2,061,385.20
STATE OF CONNECTICUT	\$499,840.16	\$2,061,385.20
Most Impacted and Distressed Expended	\$0.00	\$0.00
Match Contributed	\$0.00	\$9,273,571.00

Activity Description:

Develop a regional coastal resilience plan covering the MID-URN geography of Fairfield and New Haven Counties including modeling of the future impacts of flooding to critical facilities.

Location Description:

All of Fairfield and New Haven Counties

Activity Progress Narrative:

Planning

In this quarter, following the release of the Resilient Connecticut Request for Qualifications (RFQ) in February 2020, a selection committee reviewed proposals and selected a team to assist with the Phase II regional planning and vulnerability assessment. Additionally, 6 other teams consisting of planning, engineering, and design firms were qualified for potential additional work in Phase III implementation planning. A contract with a team of Milone & MacBroom/Dewberry has been finalized, reviewed by DOH, and is now moving forward. In addition, 4 sub-award agreements with West, Naugatuck Valley, Metro, and South Central Regional Councils of Governments, were finalized and are now moving forward to assist with mapping data and stakeholder engagement.

Technical Support and Capacity Building Activities

This quarter, the CIRCA research team focused on finalizing the Long Island Sound Ocean model, initializing and validating the nearshore model, finalizing the first stage of vulnerability mapping, and capacity building activities. The research team numerically modeled the significant wave height and storm surge water levels for the 24 coastal towns of Connecticut. The article explaining the methodology, and the results has been accepted and published in open-access special issue: "Numerical Models in Coastal Hazards and Coastal Environment" of Journal of Marine Sciences and Engineering [1]. The results present the different annual exceedance probability (or return intervals) of storms in CT. The results for each coastal town and a guide for planners and decision-makers to estimate the flood elevation according to the model results are presented in a viewer and a dataset [2, 3, 4]. The CIRCA sea-level rise viewer is updated to show the new flood extent of storm surges [5]. The research team also generated flood surge maps to show the depth of the water within its boundary. The maps will be updated on the website in the next quarter.

Engagement

This quarter, CIRCA has continued its engagement activities, which included another webinar in our series, changes to our project website, coordination with other state agencies, and planning for the coming quarter. Other engagement activities included social media, e-newsletter releases, further coordination with the GC3, presentations at municipal boards within the project region, and outreach to various nonprofit organizations.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Plans or Planning Products	0	0/1
# of community engagement	0	6/15

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.



Other Funding Sources Budgeted - Detail

Match Sources

	Amount
Department of Economic and Community Development	\$30,350,000.00
Department of Transportation	\$81,400,000.00
Subtotal Match Sources	

Other Funding Sources

	Amount
No Other Funding Sources Found	
Total Other Funding Sources	

